



Figure S7. See legend over page

Figure S7 NF90 Inhibits Ovarian Carcinoma Cell Motility and Metastasis *In Vivo*. **(A)** Extracts of HO9810 and SK-OV-3 cells transfected with plasmids expressing pre-miR-3173, NF90, or a shRNA targeting Dicer were analyzed for the abundance of miR-3173-3p. Results were normalized by those obtained for U6 abundance in the same samples. Data represent mean \pm SEM ($***P < 0.001$, independent Student *t* test). **(B)** Extracts of cells described in **A** were analyzed by immunoblot using the indicated antibodies. **(C)** Representative images of H&E-stained sections derived from the lung metastatic nodules. Sections of lung derived from nude mice injected as described in Figure **7F** (bar represents 200 μ M). **(D-E)** Representative IHC images of NF90 and DICER expression in sections of lung derived from nude mice injected as described in Figure **7F** (bar represents 200 μ M).